

ABSTRACT

The present invention provides a remedy to be used in gene therapy that can suppress immune response to a transgene product in gene therapy of genetic diseases such as recessive genetic diseases, or a method for treating genetic diseases such as recessive genetic diseases with the use of the remedy to be used in gene therapy. A remedy to be used in gene therapy is prepared with an immunosuppressive agent and a gene responsible for recessive genetic diseases such as recessive genetic epidermolysis bullosa hereditaria dystrophica, junctional epidermolysis bullosa hereditaria, hemidesmosome epidermolysis bullosa hereditaria, ichthyosis congenita. As for the above-mentioned immunosuppressive agent, cyclosporin and anti-CD40L antibody can be exemplified. Moreover, the gene responsible for genetic diseases above mentioned can be used in a form of viral vector, and a form of naked DNA.